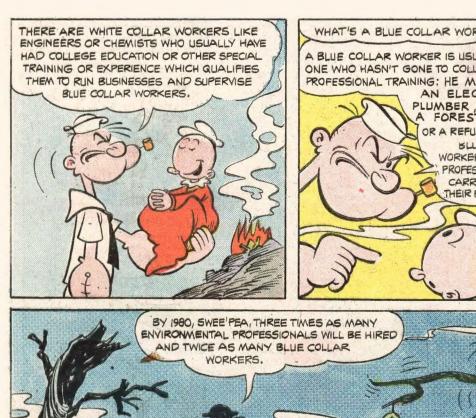
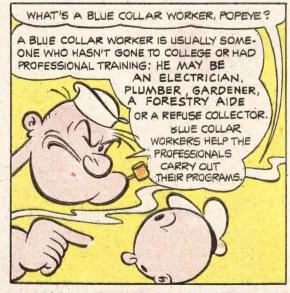
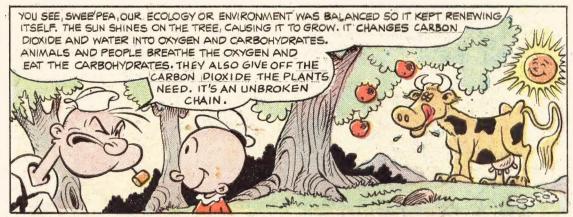


published by King Features Syndicate 235 E. 45th Street, New York, N. Y. 10017 © 1972 King Features Syndicate, World Rights Reserved under International and Sea-American Copyright Conventions. Printed by Charlton Press, Division Street, Derby, Connecticut 06418.



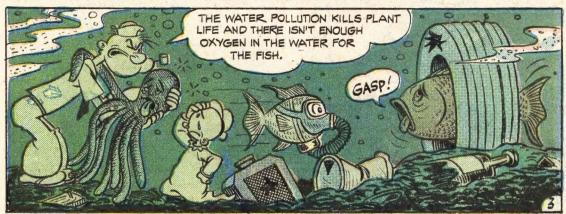




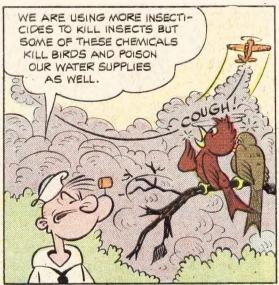


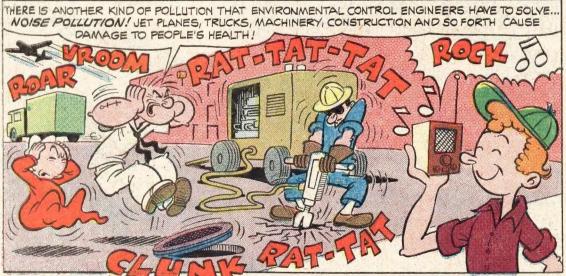


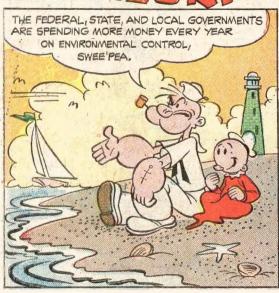




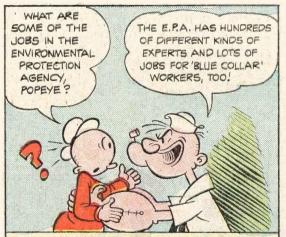




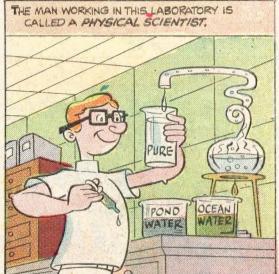








BLUE COLLAR WORKERS -- WORKERS HAVING TO DO WITH INDUSTRIAL, FACTORY OR MANUAL LABOR -- UNSKILLED OR SKILLED.



ALMOST ALL PHYSICAL SCIENTISTS HAVE COLLEGE DEGREES, MANY OF THEM HAVE MORE THAN 4 YEARS OF COLLEGE AND ADVANCED DEGREES IN THEIR SPECIALTIES—A MASTER'S DEGREE OR A DOCTORATE.

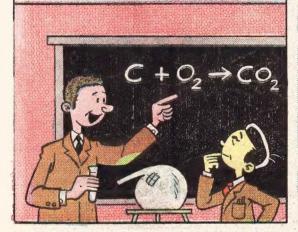


PHYSICAL SCIENTISTS ARE EMPLOYED IN LABORA-TORIES AND IN THE FIELD WHERE THEY TEST WATER RESOURCES AND OBSERVE CHANGES IN THE ENVIRONMENT BEING STUDIED.

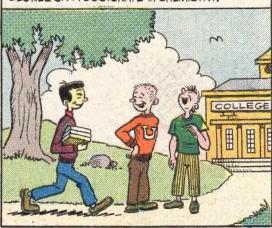


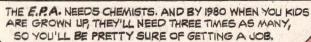


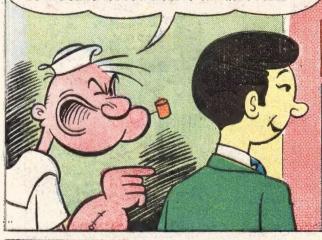
CHEMISTS WORKING IN ENVIRONMENTAL CONTROL HAVE TO STUDY HARD IN GRADE SCHOOL, THEN IN HIGH SCHOOL. NATURALLY, THEY TAKE COURSES IN CHEMISTRY.



TO GET A DEGREE IN CHEMISTRY, STUDENTS HAVE TO WORK PRETTY HARD. CHEMISTS SOMETIMES GO, AFTER GRADUATION, TO GET A MASTER'S DEGREE OR A DOCTORATE IN CHEMISTRY.



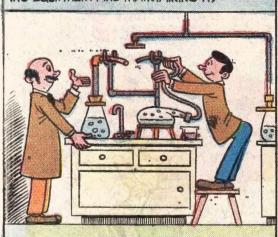




ENVIRONMENTAL PROTECTION AGENCY

MANY OTHER GOVERNMENT AGENCIES, LIKE THE HEALTH, EDUCATION AND WELFARE DEPARTMENT, ALSO HELP E.P.A. FIGHT ENVIRONMENT PROBLEMS AND NEED PEOPLE TOO, POPEYE.

LABORATORY ATTENDANTS WORK UNDER THE SUPERVISION OF THE PROFESSIONALS, OPERATING EQUIPMENT AND MAINTAINING IT.



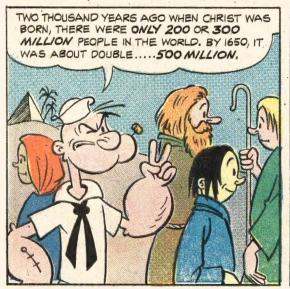
WE'VE DETECTED HARMFUL AMOUNTS OF MERCURY IN SOME FISH SPECIES, NOW, WE HAVE TO FIND THE SOURCE OF THESE POISONOUS MINERALS.









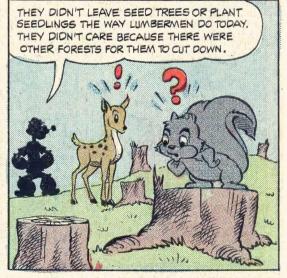










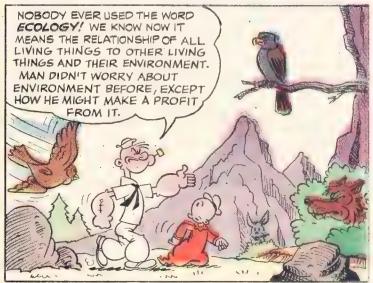






....AND THERE WERE FLOODS IN THE VALLEYS BECAUSE THE FORESTS HAD BEEN CUT AWAY.





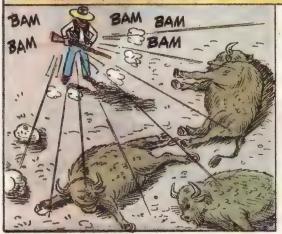






THE INDIANS LIVED ON BUFFALO FOR CENTURIES, HUNTING WHAT THEY NEEDED FOR FOOD. THEY USED THE BUFFALO HIDE TO MAKE BLANKETS AND TO COVER THEIR HOUSES, WHICH THEY CALLED TEPEES.

When so-called 'civilization' reached the great plains, the Hunters killed Buffalo just for the Hide, letting the carcasses rot on the prairie. Pretty soon, where there used to be millions of Buffalo, there were only a few left.



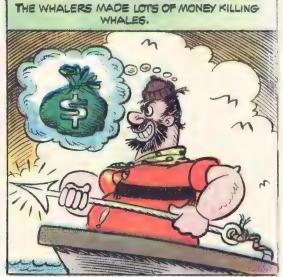




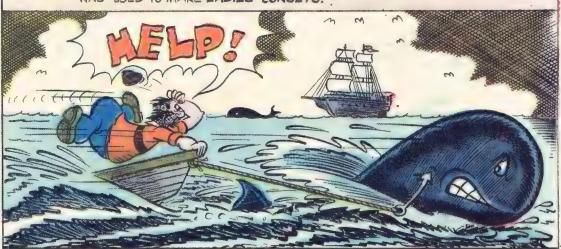
ONCE THERE WAS A BEAUTIFUL BIRD, THE SNOWY EGRET, BUT LADIES HAT MAKERS USED THEM TO MAKE HATS AND PRETTY SOON THE HUNTERS MADE THE BIRD ALMOST EXTINCT.



THERE USED TO BE LOTS OF WHALES IN THE OCEAN, SWEE' PEA. THERE WERE BLUE WHALES IOO FEET LONG, WHITE WHALES, BOWHEAD WHALES, GRAY WHALES AND OTHERS.



THEY HUNTED ALL THE BOWHEAD WHALES JUST TO GET THE BLUBBER AND FOR WHALEBONE WHICH WAS USED TO MAKE LADIES CORSETS.

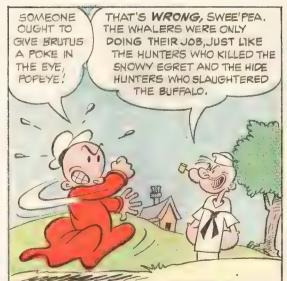


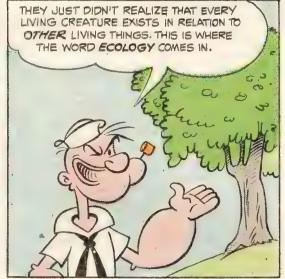
Now, there are very few whales of some species LEFT in the oceans. Governments passed laws prohibit-Ing killing some kinds of whales but more laws are NEEDED. They're still hunting some kinds of whales

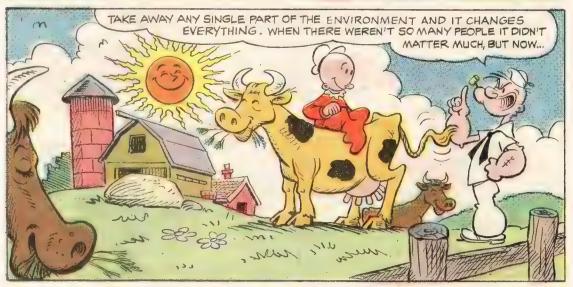


THE WHALERS WEREN'T BAD MEN.
THEY FIGURED THEY WERE ONLY
MAKING A LIVING. NOBODY REALIZED THAT WHAT HE DID TO
THE WORLD AROUND HIM AFFECTED
EVERYONE ELSE TOO.















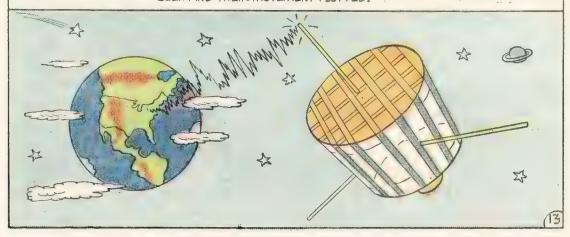
ONCE, WEATHER FORCASTING WAS PRIMITIVE. THE ONLY WAY THE WEATHERMAN KNEW IF IT WAS GOING TO RAIN WAS WHEN HE GOT HIS HEAD WET.



NOW, THE WEATHER BUREAU USES WEATHER CHARTS, BAROMETRIC READINGS, LONG-RANGE RADAR THAT CAN 'SEE' STORMS WHEN THEY'RE STILL MILES AWAY AND PREDICT WEATHER CONDITIONS VERY ACCURATELY.



ONE OF THE BEST TOOLS METEOROLOGISTS HAVE TO FORECAST WEATHER IS THE WEATHER SATELLITE. THE UNITED STATES HAS THEM IN SPACE TAKING PHOTOGRAPHS OF THE EARTH BELOW. STORMS ARE LOCATED THE MINUTE THEY BEGIN TO FORM. CLOUD PATTERNS ARE SEEN AND THEIR MOVEMENT PLOTTED.



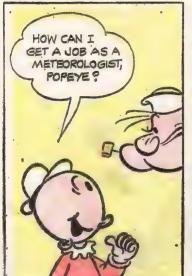


HEAVY RAINS ARE PREDICTED. NOW, WE USUALLY KNOW WHEN FLOODS ARE GOING TO COME AND EMERGENCY MEASURES ARE TAKEN BEFORE THEY OCCUR.



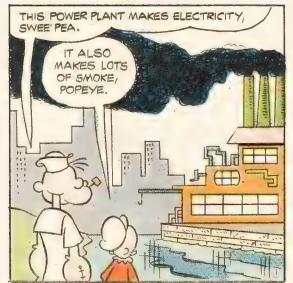
METEOROLOGISTS PERFORM VERY INTERESTING WORK AND THEY'RE IMPORTANT PEOPLE, THEY'RE PAID WELL AND THE GOVERNMENT IS HIRING MORE AND MORE EACH YEAR.

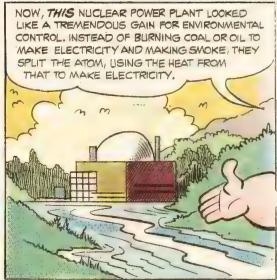


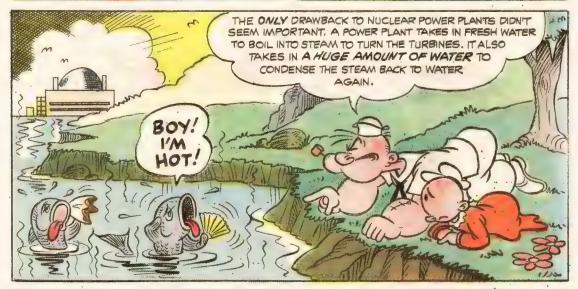


MOST METEOROLOGISTS HAVE COMPLETED A POUR YEAR COLLEGE COURSE BUT SOME METEOROLOGICAL PERSONNEL QUALIFY WITH ON-THE-JOB TRAINING AS WELL.

AT METEOROLOGY STATIONS, BLUE COLLAR ATTENDANTS MAINTAIN AND OPERATE MACHINERY. THERE ARE CUSTODIANS, CLERKS AND OTHER JOBS THAT REQUIRE ONLY ON-THE-JOB TRAINING.













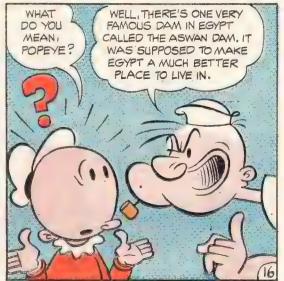


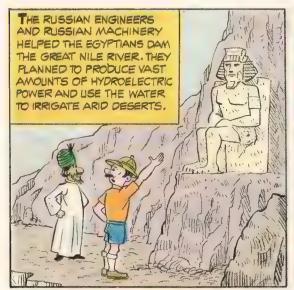
BESIDES THE NON-COLLEGE EMPLOYES, THERE'LL BE JOBS FOR ENGINEERS. THEY'LL HIRE GIRLS TOO AND HANDICAPPED PEOPLE WILL FIND JOBS IF THEY QUALIFY.



PHYSICISTS ARE TRAINED TO TAKE THE LONG
LOOK AT A PROJECT. THEY TRY TO JUDGE A
DAM'S PROBABLE EFFECT ON THE
ENVIRONMENT. THEY DECIDE WHERE
IRRIGATION SYSTEMS SHOULD GO AND ADVISE
THE TECHNICIANS OF THE PROBABLE RESULTS
OF THEIR ACTIONS.





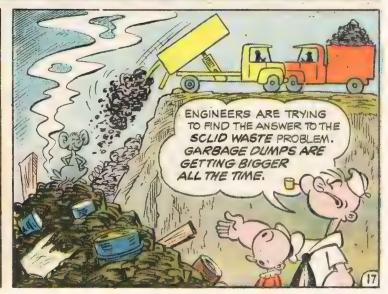




BUT THE GREAT NILE USED TO FLOOD THE VALLEY OF THE NILE WHERE EGYPT'S FOOD CROPS GREW. FLOODWATERS CARRIED RICH MINERALS INTO THE MEDITERRANEAN. ONCE, EGYPT HARVESTED 18,000 TONS OF SARDINES YEARLY. NOW, THERE ARE NO SARDINES.



THE ASWAN DAM HAS CHANGED THE ENTIRE ECOLOGY OF EGYPT AND EVEN AFFECTED THE MEDITERRANEAN SEA. IT'S A GOOD EXAMPLE OF NOT PLANNING AHEAD. THIS IS WHY THEIR CIVIL ENGINEERS SHOULD HAVE WORKED WITH ENVIRONMENTAL ENGINEERS.

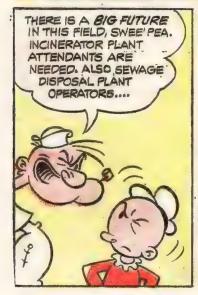










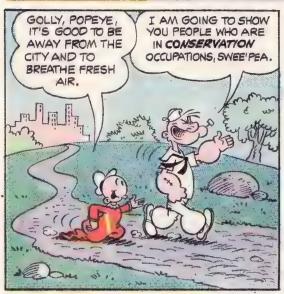












































RANGE MANAGERS USUALLY HAVE A BACHELOR'S DEGREE SPECIALIZING IN RANGE MANAGEMENT OR RANGE CONSERVATION.



RANGE
MANAGERS CARE
FOR RANGELANDS,
CONSERVE WILDLIFE
HABITATS, AND
WORK WITH
LOCAL RANCHERS
WHO USE THE
RANGELAND TO
GRAZE LIVESTOCK.



WHEN RANGELAND BECOMES DAMAGED THROUGH OVER-USE, RANGE MANAGERS CLOSE IT TO STOCKMEN AND TAKE STEPS TO RESTORE THE DAMAGED LAND.







FORESTRY AIDES USUALLY DON'T HAVE MUCH EXPERIENCE BUT HAVE COMPLETED A 1 OR 2 YEAR COURSE IN FORESTRY. SOME ATTEND VOCATIONAL SCHOOLS WHERE THEY ACQUIRE TRAINING AND SKILLS, MANY FORESTRY AIDES ARE HIRED WHO CAN'T SPEAK ENGLISH.





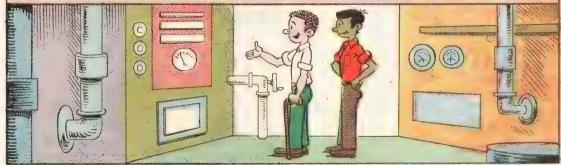




Another environmental protection job is that of sewage disposal plant operator. College degrees are not usually needed for this position.



MOST OPERATORS ACQUIRE THEIR SKILLS ON THE JOB. OPERATORS CONTROL EQUIPMENT TO REMOVE WASTE MATERIALS FROM SEWAGE. TECHNICIANS OPERATE AND MAINTAIN ALLIED EQUIPMENT. THE PHYSICALLY HANDICAPPED FIND WORK IN THIS FIELD, TOO.



THIS IS A RAPIDLY
GROWING OCCUPATION
AS MORE WASTEWATER TREATMENT
PLANTS ARE
BEING CONSTRUCTED
ALL OVER THE
COUNTRY, VOCATIONAL
HIGH SCHOOLS TEACH
BUILDING TRADES
AND THE PAY IS
VERY GOOD!



LIFE SCIENTISTS MUST HAVE A BACHELOR'S DEGREE AND MOST WHO WORK IN THIS FIELD GET A GRADUATE DEGREE.



LIFE SCIENTISTS STUDY ALL LIVING ORGANISMS AND THE PROCESSES THAT DETERMINE THE NATURE OF LIFE. THEY ARE CONCERNED WITH MEN AND MICROBES, HEALTH AND DISEASE AND THE ENVIRONMENT.



BOTANISTS SPECIALIZE IN THE STUDY OF PLANT LIFE, SOME SPECIALIZE IN THE RELATION-SHIP BETWEEN PLANTS AND THE ENVIRONMENT (PLANT ECOLOGIST), OTHERS IN THE STRUCTURE OF PLANTS (MORPHOLOGIST), AND PLANT DISEASES (PATHOLOGIST).



BOTANISTS TRY TO DEVELOP INSECTICIDES WHICH WILL NOT HARM PLANTS OR THEIR ENVIRONMENT.



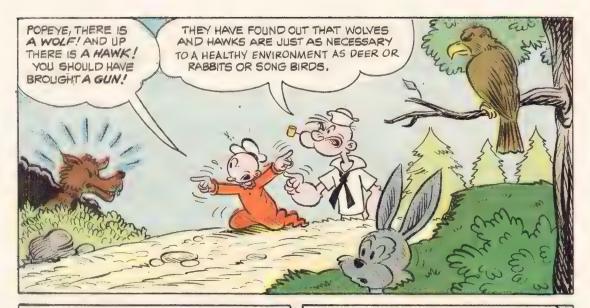
OTHER BOTANISTS SPECIALIZE IN DETERMIN-ING HOW AIR AND WATER POLLUTION AFFECT PLANT LIFE.

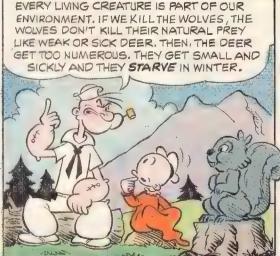




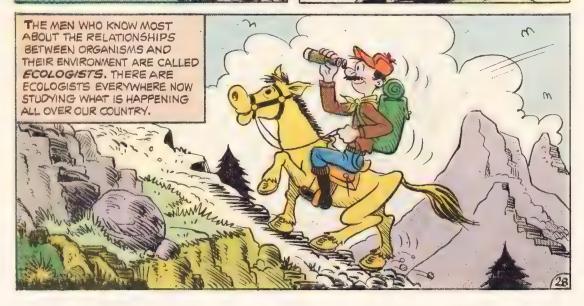












ECOLOGISTS ARE VERY SMART COOKIES. THEY HAVE DEGREES FROM COLLEGE. THEY STUDY THE ENVIRONMENTAL EFFECTS OF RAINFALL, TEMPERA-TURE AND ALTITUDE ON ORGANISMS.

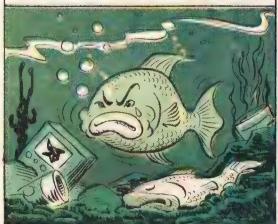
THIS ECOLOGIST IS
SAMPLING PHYTOPLANKTON,
THE VERY TINY
PLANTS WHICH PRODUCE
MOST OF THE OXYGEN
WE BREATHE,

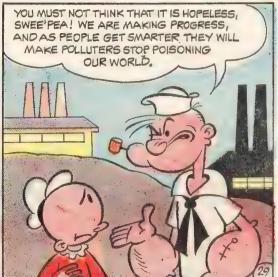


THIS ECOLOGIST IS TAKING THE WATER TEMPERATURE DOWNSTREAM FROM A NUCLEAR POWER PLANT. HE HAS ALREADY NOTED THAT SOME FISH STOP LAYING EGGS AT A CERTAIN TEMPERATURE. OTHERS DIE WHEN THE WATER REACHES 799



ECOLOGISTS HAVE LEARNED HOW INDUSTRIAL MERCURY WHICH SINKS TO THE BOTTOM OF WATERWAYS CHANGES CHEMICALLY AND IS EATEN BY FISH WHICH ARE DANGEROUS TO US TO EAT.



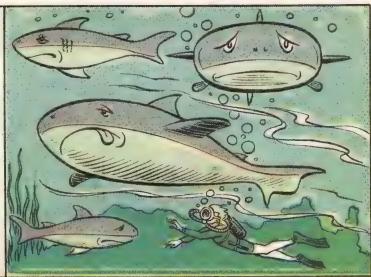


THIS IS A ZOOLOGIST AT WORK TRYING TO DETERMINE THE EFFECT OF WATER POLLUTION ON AQUATIC LIFE, ZOOLOGISTS ARE COLLEGE GRADUATES AND MOST OF THEM HAVE A MASTER'S DEGREE OR A DOCTORATE IN THIS FIELD.



WHERE OYSTER BEDG ONCE FLOURISHED OFF OUR COASTS, WATER POLLUTION HAS KILLED THEM OFF OR POISONED THEM TO SUCH AN EXTENT THAT THEY'RE NOT FIT TO EAT.

water pollution often robs the water of oxygen, suppocating the fish in that area.

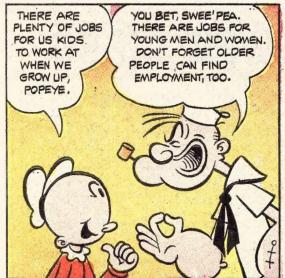


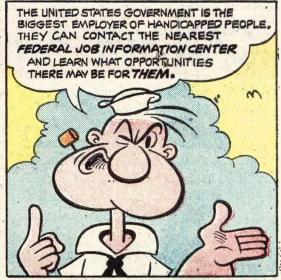
IN FLORIDA, ALLIGATORS WERE SLAUGHTERED TO MAKE SHOES AND POCKETBOOKS. THEN, WHEN IT WAS ALMOST TOO LATE, ECOLOGISTS TOLD PEOPLE THAT ALLIGATORS WERE NEEDED FOR A NUMBER OF REASONS OR ALL LIFE IN THE EVERGLADES WOULD BE IN DANGER.



THERE ARE LANDSCAPE ARCHITECTS
WORKING WITH THE ENVIRONMENTAL PROTECTION
PEOPLE TOO. THEN THE CIVIL ENGINEERS
DESIGN WATER TREATMENT PLANTS,
SOLID WASTE DISPOSAL FA...

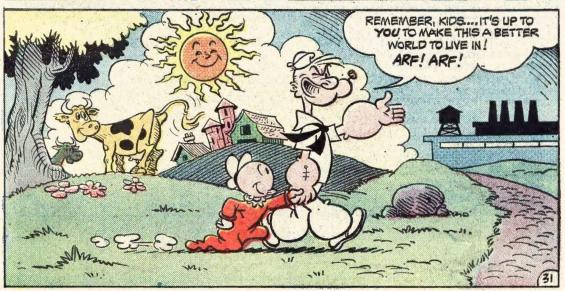












CAN YOU ANSWER THESE?

1.	IST FIVE JOBS IN ENVIRONMENTAL CAREERS YOU MIGHT LIKE. NEXT TO E IST THE TRAINING YOU WOULD NEED. THE ANSWERS ARE IN THIS BOOK. 		ACH C	JOB
			A. The	
		4		
2.	DID YOU FIND ANY JOBS YOU DID NOT KNOW ABOUT?	YE5	NO	
3.	LIST SIX ENVIRONMENTAL JOBS YOU DID NOT KNOW	ABOUT.	YALL.	Secretary
4.	ENVIRONMENTAL JOBS ARE POSSIBLE WITH TRAINI	ING THAT INCLUDE	5:	
	CHECK ONE YES NO		YES	NO
	JUNIOR COLLEGE DEGREE GRADUAT ON THE JOB TRAINING APPRENTIX	DEGREE E DEGREE CESHIP TRAINING IAL SCHOOL		
5.	ENVIRONMENTAL JOBS MAY BE FOUND IN: CHECK ONE YES NO		YES	
	MANY CITY AGENCIES THE SEA	URE		
6.	ENV. NO MENTAL CAREER WORKERS ARE TRYING TO S		: YES	NO
	AIR F STION NOISE POLLUTION BALANCE NEEDED FOR S	SOUND ECOLOGY		
7.	A SIRDS TO BECOME NEARLY EXTINCT?	FOUR ANIMALS	YES	NO ·
ъ.	NAME ONE BIRD AND ONE ANIMAL THIS COUNTRY HA	4/-1/		
9.	THERE ARE MANY ENVIRONMENTAL JOBS FOR:			
10.	PRESERVE OUR ENVIRONMENT	YES	No	0
11.	ARE ENVIRONMENTAL CAREERS LIMITED TO PEOPLE WITH COLLEGE DEGREES ?			
12.	DOES POPEYE THINK IT IS IMPORTANT TO STUDY AND FINISH SCHOOL IF YOU WANT AN ENVIRONMENTAL CAREER ?	abel.		



IF YOU WOULD LIKE A JOB OR CAREER HELPING TO REPAIR THE DAMAGE TO OUR AIR, WATER, SOIL, PLANT, ANIMAL AND OTHER EARTH RESOURCES, OR A JOB OR CAREER PROTECTING, CONTROLLING AND SAVING THESE RESOURCES, ENVIRONMENTAL CONTROL WORK OFFERS YOU MANY INTERESTING, EVEN EXCITING REWARDS AND SATISFACTIONS.

YOUR JOB MIGHT BE ANYWHERE ON, ABOVE OR BELOW THE EARTH'S SURFACE. MANY INTERESTING AND FINANCIALLY REWARDING JOBS ARE AVAILABLE FOR PEOPLE WITH A WIDE RANGE OF INTERESTS, EXPERIENCES AND SKILLS -- REGARDLESS OF THEIR RACE, COLOR, RELIGION, BACKGROUND, SEX OR EVEN HANDICAPS, IN MANY CASES.

I F YOU ARE INTERESTED IN KNOWING MORE ABOUT ENVIRON-MENTAL JOBS AND CAREERS, SEE YOUR SCHOOL VOCATIONAL OR CAREER GUIDANCE DIRECTOR.

> Your Pal. Proeye

